

Title (en)

High temperature and mechanical descaling process and installation

Title (de)

Hochtemperaturverfahren und -anlage zur mechanischen Entzunderung

Title (fr)

Procédé et installation de décalaminage mécanique à haute température

Publication

EP 2862673 B1 20160309 (EN)

Application

EP 13188813 A 20131016

Priority

EP 13188813 A 20131016

Abstract (en)

[origin: EP2862673A1] The present invention relates to a method for water-free descaling a metallurgical product continuously processed through a hot rolling mill installation, comprising successively a reheating furnace or tunnel furnace, a roughing mill and a finishing mill, by using a metal shot blasting device, characterised in that the shot blasting device is integrated inside the hot rolling mill and in that the metallurgical product is shot blasted at a temperature greater than 1000°C.

IPC 8 full level

B21B 45/04 (2006.01); **B21B 45/06** (2006.01); **B21C 43/04** (2006.01); **B24C 1/08** (2006.01); **B24C 5/06** (2006.01)

CPC (source: EP)

B21C 43/00 (2013.01); **B24C 1/086** (2013.01); **B24C 5/06** (2013.01); **B21B 45/04** (2013.01)

Cited by

AT524149A1; AT524149B1; CN113857271A; CN115415938A; WO2022036381A1; US10879775B2; US11780051B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2862673 A1 20150422; EP 2862673 B1 20160309

DOCDB simple family (application)

EP 13188813 A 20131016